

WE CLAIM:

1. A method of granting access to a secured service provided by a calling destination, comprising:

- 5 receiving a telephone number signal from a calling source, said telephone number signal indicating the calling destination;  
identifying a directory number corresponding to said calling source;  
determining if said calling source has authorization to the  
10 secured service provided by the calling destination; and  
retrieving an authentication key when said calling source has authorization to the secured service.

2. The method of claim 1, further comprising:

- 15 providing said authentication key to the calling destination.

3. A computer-useable medium storing a computer program product for use in a communications network, said computer program product comprising:

- 20 computer-readable code for receiving a telephone number signal from a calling source, said telephone number signal indicating a calling destination;  
computer-readable code for identifying a directory number corresponding to said calling source;  
25 computer-readable code for determining if said calling source has authorization to a secured service provided by said calling destination;  
and

computer-readable code for retrieving an authentication key  
when said calling source has authorization to a secured service provided by  
said calling destination.

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4. The compute-useable medium of claim 3, further comprising:  
computer readable code for providing said authentication key to  
a server in communication with said calling destination.

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5. A method for operating a communication network, comprising:  
providing a trigger to a switch, said trigger indicating an attempt  
by a calling source to establish a communication link with a calling destination;  
operating said switch to provide a query to a service control  
point in response to said trigger, said query including an authorization to  
establish said communication link between said calling source and said calling  
destination;

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operating said service control point to retrieve an authentication  
key from a database in response to said query when a directory number  
corresponding to said calling source is stored within said database.

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6. The method of claim 5, further comprising:  
operating said service control point to provide said  
authentication key to a server in communication with said calling destination.

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7. The method of claim 6, further comprising:  
operating said server to provide said authentication key to said  
calling destination.

8. The method of claim 6, further comprising:  
operating said service control point to remove said  
authentication key from said server.

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9. A communication network, comprising:  
a switch operable to receive a trigger indicating an attempt by a  
calling source to establish a communication link with a calling destination;  
a service control point; and  
10 a database operable to store a set of authorized directory  
numbers and an authentication key, wherein

said switch is further operable to provide a query to said  
service control point in response to said trigger, said query including an  
authorization to establish said communication link between said calling source  
15 and said calling destination,

said service control point is operable to retrieve said  
authentication key from said database in response to said query when a  
directory number corresponding to said calling source is listed within said set  
of authorized directory numbers as stored within said database.

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42. The communication network of claim 9, wherein  
said service control point is further operable to provide said  
authentication key to a server in communication with said calling destination.

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11. The communication network of claim 42, wherein:  
said service control point is further operable to remove said  
authentication key from said server after said server provide said  
authentication key to said calling destination.

12. A method of operating a communication network, comprising:  
operating a calling source to provide a telephone number signal  
to a communication network, said telephone number signal representative of  
5 a calling destination;  
operating said communication network to determine if a  
directory number corresponding to said calling source is listed within a set of  
authorized directory numbers stored within said communication network; and  
operating said communication network to provide an  
10 authentication key to a server in communication with said calling destination  
when said directory number is listed within said set of authorized directory  
numbers.

44. The method of claim 12, further comprising:  
15 operating said server to provide said authentication key to said  
calling destination.

14. The method of claim 44, further comprising:  
operating said communication network to establish a  
20 communication link between said calling source and said calling destination;  
and  
operating said calling destination to provide said authentication  
key to said calling source.

25 15. The method of claim 44, further comprising:  
operating said communication network to remove said  
authentication key from said communication network after providing said  
authentication key to said server.

16. A system, comprising:  
a calling source;  
a calling destination;  
5 a communication network in communication with said calling  
source and said calling destination; and  
a server in communication with said calling destination and said  
communication network, wherein  
said calling source is operable to provide a telephone  
10 signal to said communication network, said telephone number being  
representative of said calling destination,  
said communication network is operable to determine if a  
directory number corresponding to said calling source is listed within a set of  
authorized directory numbers stored within said communication network, and  
15 said communication network is further operable to provide  
an authentication key to said server when said directory number is listed  
within said set of authorized directory numbers.

17. The system of claim 16, wherein  
20 said server is operable to provide said authentication key to said  
calling destination.

18. The system of claim 17, wherein  
said communication network is further operable to establish a  
25 communication link between said calling source and said calling destination in  
response to said telephone number signal; and  
said calling destination is operable to provide said authentication  
key through said communication link to said calling source.

19. The system of claim 16, wherein  
said communication network is further operable to remove said  
authentication key from said communication network after providing said  
5 authentication key to said server.

45. The system of claim 16, wherein  
said calling source is a client workstation;  
said calling destination is an Internet server; and  
10 said communication network includes an advanced intelligent  
network.